

The Effect of RItE Care on Teen Births in Rhode Island

1993-1999

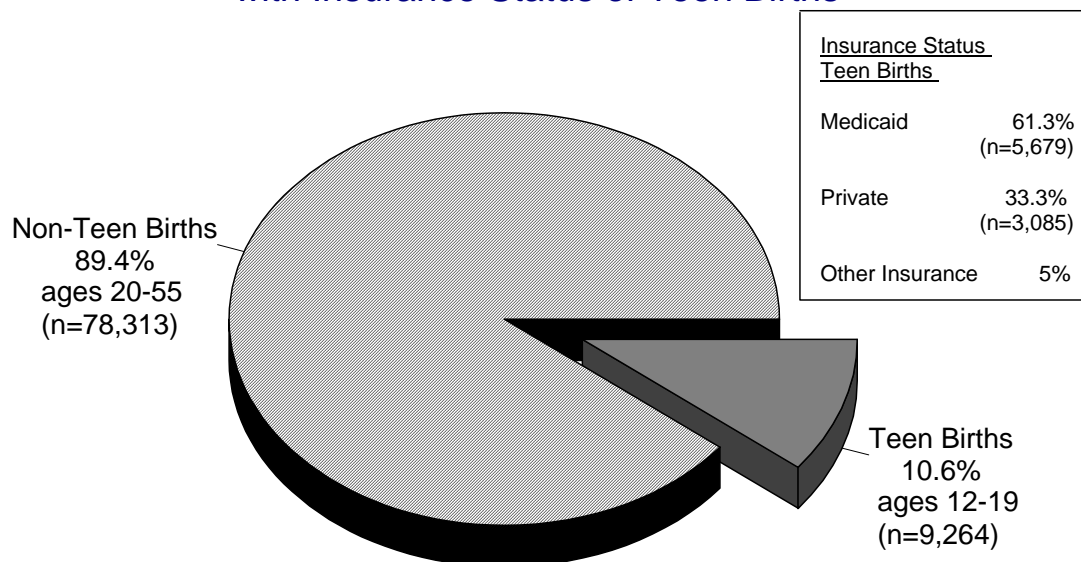
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December 2001

Figure 1
Age Distribution of Rhode Island Births
with Insurance Status of Teen Births

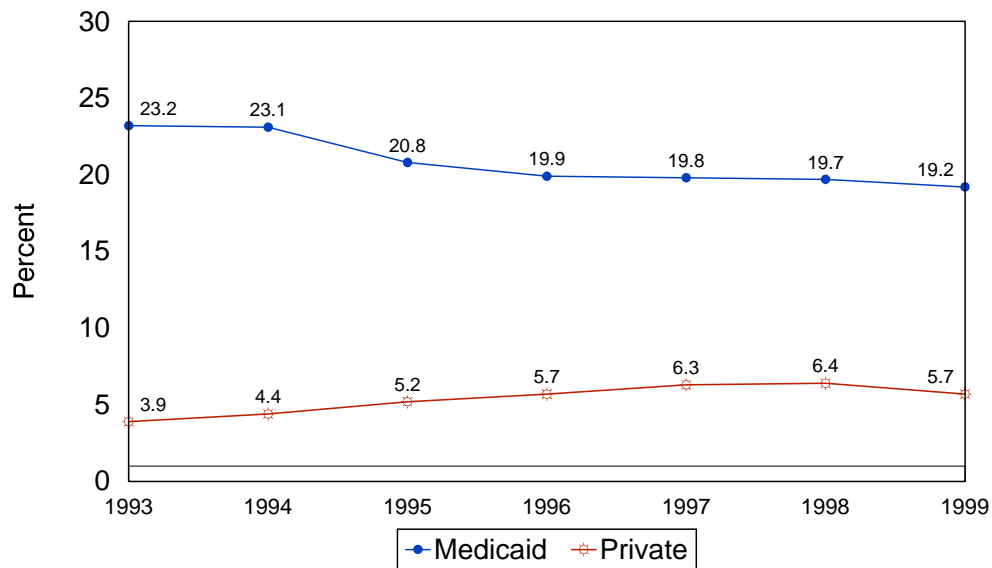


Data Source: Medicaid Research and Evaluation Project, Rhode Island Department of Human Services
Vital Statistics Birth File - Rhode Island Department of Health 1993-1999 (n=87,600)

The majority of teen births in Rhode Island
are paid for by Medicaid.

- One in ten births in Rhode Island is to a teenager.
- Medicaid pays for 2 out of 3 teen births.

Figure 2
Percent of Total Births to Teenagers
by Insurance Status 1993-1999

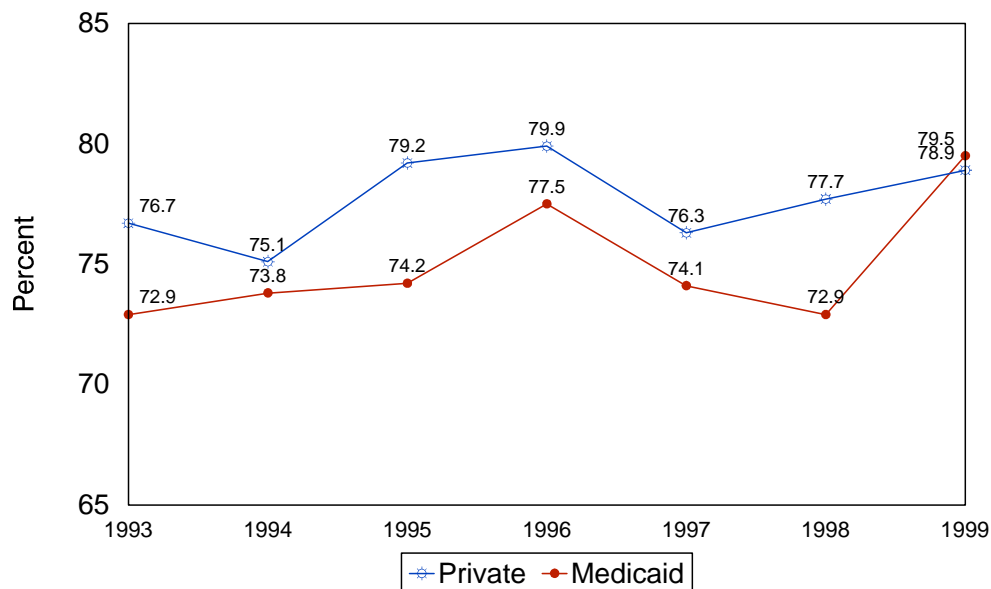


Data Source: Medicaid Research and Evaluation Project
Vital Statistics Birth File - RI Births to women <20 years old (n = 9,264)

Teen birth rate is higher among
Medicaid recipients than privately insured

- One in five Medicaid births is to teenagers compared to one in twenty private births.

Figure 3
Percent of Pregnant Teenagers who Began Prenatal Care
in First Trimester by Insurance Status 1993-1999

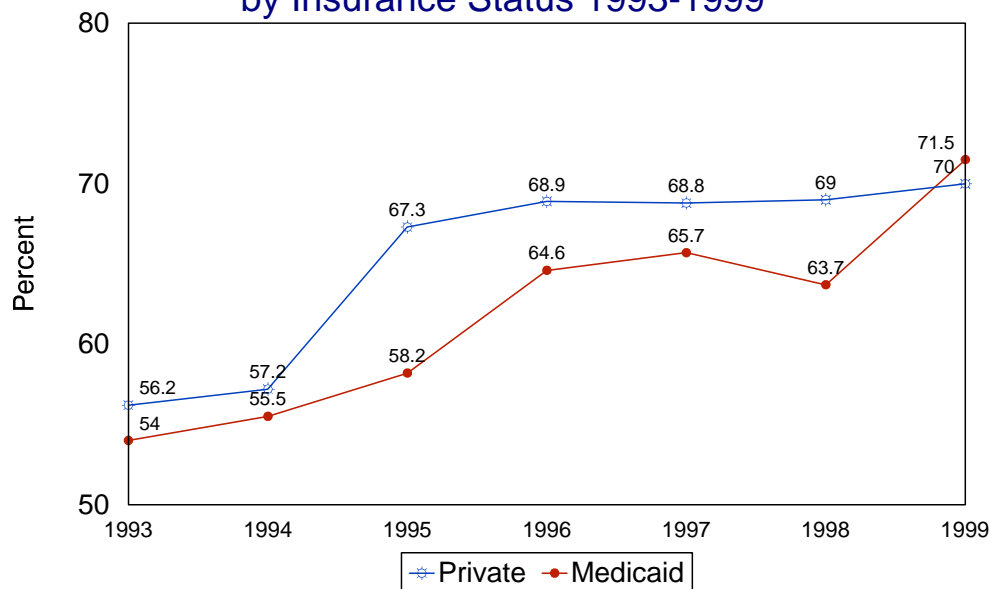


Data Source: Medicaid Research and Evaluation Project
Vital Statistics Birth File - RI Births to women <20 years old (n = 9,264)

Access to early prenatal care has
improved for teenagers on Medicaid

- In 1993, 73% of teens on Medicaid started prenatal care in the first trimester. In 1999 this rate increased to 80%.

Figure 4
Percent of Pregnant Teenagers who Received
Adequate/Adequate+ Prenatal Care
by Insurance Status 1993-1999

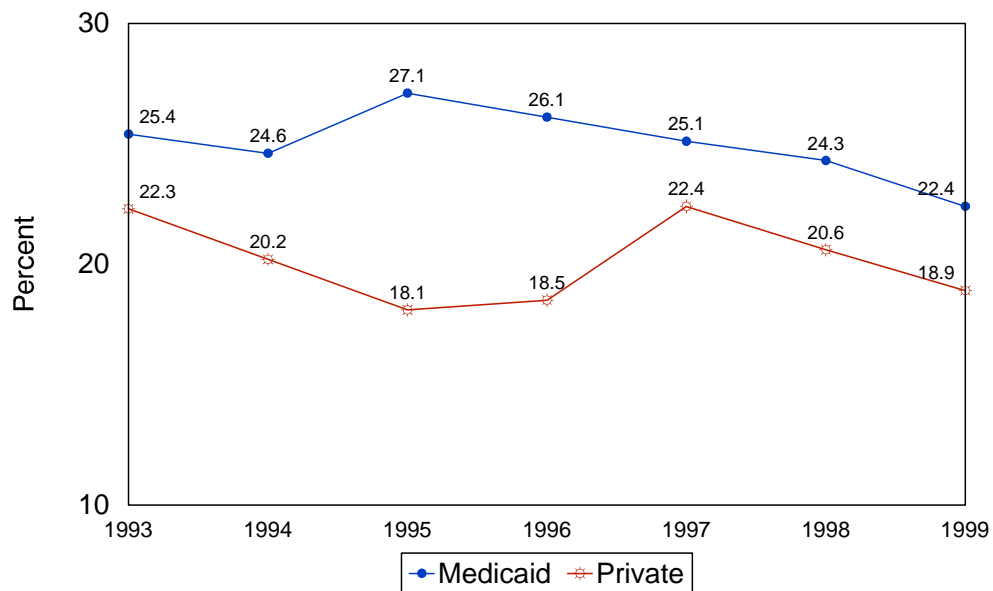


Data Source: Medicaid Research and Evaluation Project
Vital Statistics Birth File - RI Births to women <20 years old (n = 9,264)

Adequacy of prenatal care has improved for teenagers on Medicaid

- In 1993, 54% of pregnant teens on Medicaid received adequate prenatal care (i.e. start in 1st trimester and received recommended number of visits). In 1999 this rate increased to 72%.
- Published research has shown this improvement is due to RIte Care.

Figure 5
Percent of Pregnant Teenagers who Smoke Cigarettes*
by Insurance Status 1993 - 1999

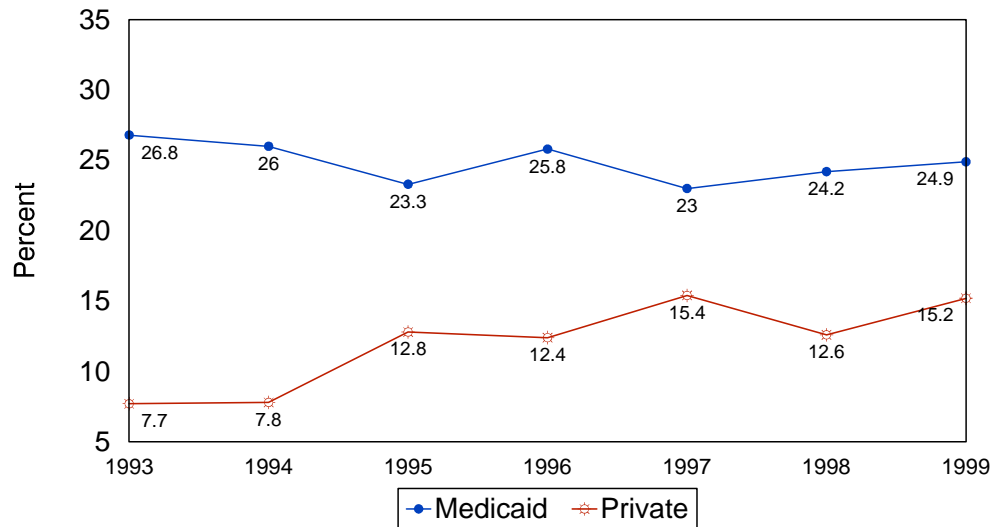


Data Source: Medicaid Research and Evaluation Project
Vital Statistics Birth File - RI Births to women <20 years old (n = 9,264)

The rate of maternal smoking is decreasing
among RI teens on Medicaid

- In 1993, 25% of Rhode Island pregnant teens on Medicaid smoked. In 1999 this rate dropped to 22%.

Figure 6
Percent of Teen Mothers with Previous
Live Births by Insurance Status 1993 -1999



Data Source: Medicaid Research and Evaluation Project
Vital Statistics Birth File - RI Births to women <20 years old (n = 9,264)

The rate of repeat births is increasing for all teens and is higher for teens on Medicaid

- One in four births to teens on Medicaid is to a teen who is already a mother.
- The rate of repeat births among Rhode Island teens on Medicaid is 1.5 times higher than privately insured teens.
- This is a health indicator useful for monitoring program performance.

Appendix 1
Number of Rhode Island Teenaged Births by Age and Insurance Status

	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>Total</u>	<u>% change</u> <u>93-99</u>
Total 12-19	1444	1409	1267	1299	1322	1312	1211	9264	-16.1
Medicaid	1065	987	721	790	718	713	683	5677	-35.9
Private	336	374	425	453	509	529	460	3086	36.9
Total Ages 12-14	23	37	24	31	25	34	16	190	-30.1
Medicaid	17	28	14	19	15	24	12	129	-29.4
Private	6	5	6	11	6	6	3	43	-50
Total Ages 15-17	570	562	463	492	506	455	405	3453	-28.9
Medicaid	400	366	246	383	264	224	208	1991	-48
Private	150	173	174	185	212	203	176	1273	17.3
Total Ages 18-19	851	810	780	776	791	823	790	5621	7.2
Medicaid	648	593	461	488	439	465	463	3557	-28.5
Private	180	196	245	257	291	320	281	1770	56.1

Data Source: Medicaid Research & Evaluation Project, Rhode Island Department of Human Services
Vital Statistics Birth File - Rhode Island Department of Health, 1993-1999